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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>1662.005US1</b> U.S. APPLICATION NO. UNKNOWN (See 37 CFR 1.5)
INTERNATIONAL APPLICATION NO. <b>PCT/US2003/037677</b>	INTERNATIONAL FILING DATE <b>November 24, 2003</b>	PRIORITY DATE CLAIMED <b>November 27, 2002</b>
<b>TITLE OF INVENTION</b> <b>METHODS FOR DETECTING INVASION OF A CELL</b> <b>APPLICANT(S) FOR DO/EO/US</b> <b>Hana Golding</b>		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An UNSIGNED oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) – (3 PAGES)</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p>Items 11 and 12 below concern document(s) or information included:</p> <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98 (2 PAGES); PTO 1449 (1 PAGE); and COPIES OF FOUR CITED DOCUMENTS</li> <li>12. <input checked="" type="checkbox"/> Other items or information.                  Copy of International Application No. PCT/US2003/037677 (38 pgs.);                  3 Sheets of Drawings;                  Corrected Version 2004/053454 A3 (2 pgs.);                  PCT International Search Report – Date of Mailing – September 7, 2004 (2 pgs.);                  PCT Written Opinion (5 pgs.);                  PCT Notification of Transmittal of International Preliminary Examination Report (6 pgs.);                  PCT Demand (3 pgs.)                  Preliminary Amendment (3 pgs.)</li> </ol>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

JC20 Rec'd PCT/PTO 27 MAY 2005

PTO-1390 (Rev. 02-2005)

Approved for use through 5/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (known as 37 CFR 1.5) <b>107536860</b>		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
The following fees have been submitted 21. <input checked="" type="checkbox"/> Basic national fee..... 22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... \$100 All other situations ..... \$200				CALCULATIONS	PTO USE ONLY
				\$300.00	
				\$200.00	
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100 International Search Report prepared and provided to the Office ..... \$400 All other situations ..... \$500					
				\$500.00	
<b>TOTAL OF 21, 22 AND 23 =</b>				\$1000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
.....-100 =	...../50 =			x \$250	\$
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	129- 20 =	109	x \$ 50	\$5,450.00	
Independent claims	11- 3 =	8	x \$200	\$1,600.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360	\$
				<b>TOTAL OF ABOVE CALCULATIONS =</b> \$8,180.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. <b>SUBTOTAL =</b>				\$4,090.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				+	
				\$	
				<b>TOTAL NATIONAL FEE =</b> \$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	
				\$	
				<b>TOTAL FEES ENCLOSED =</b> \$4,090.00	
				Amount to be refunded:	\$
				Amount to be charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$4,090.00 to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.					
A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0743. A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A. P.O. Box 2938 Minneapolis, Minnesota 55402			SIGNATURE <i>Robin A. Chadwick</i>		
			ROBIN A. CHADWICK NAME		
			36,477 REGISTRATION NUMBER		

10/536860

JC20 Re PCT/PTO 27 MAY 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Hana Golding

Title: METHODS FOR DETECTING INVASION OF A CELL

Attorney Docket No.: 1662.005US1

Customer No.: 21186

PATENT APPLICATION TRANSMITTAL

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items and information (as indicated with an "X"):

- Return postcard.
- A Transmittal Letter to the DO/EO/US (and duplicate copy thereof) concerning a *PCT - U.S. National Stage filing under 35 U.S.C. 371*.
- Copy of: International Application PCT/US2003/037677 as published WO2004/053454 A2 - (38 pgs, including 129 claims and 3 sheets of Formal Drawings)
- Unsigned Combined Declaration and Power of Attorney (3 pgs.).
- Incorporation by Reference: *The entire disclosures of the prior application, prior applicatio, PCT/US03/37677 filed November 24, 2003 and published as WO 2004/053454 A2 on June 24, 2004, are considered as being part of the disclosure of the accompanying application and are hereby incorporated by reference therein.*
- Copy of International Application No. PCT/US2003/037677 (38 pgs.);
- 3 Sheets of Drawings;
- Corrected Version 2004/053454 A3 (2 pgs.);
- PCT International Search Report – Date of Mailing – September 7, 2004 (2 pgs.);
- PCT Written Opinion (5 pgs.);
- PCT Notification of Transmittal of International Preliminary Examination Report (6 pgs.);
- PCT Demand (3 pgs.)
- Information Disclosure Statement under 37 CFR 1.97 and 1.98 (2 PAGES); PTO 1449 (1 PAGE); and COPIES OF FOUR CITED DOCUMENTS
- Check enclosed for \$4,090.00 for payment of the filing fee.
- Preliminary Amendment (3 pgs.).

By: \_\_\_\_\_

Atty: Robin A. Chadwick

Reg. No. 36,477

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number: 21186

"Express Mail" mailing label number: EV 553 984 557 US

Date of Deposit: May 27, 2005

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to The Commissioner for Patents, MS PCT P.O. Box 1450, Alexandria, VA 22313-1450.